

Translation: page 58, lines 16 through 14 from bottom

It is said that a perfect Knudsen flow is materialized in $\lambda_g/\gamma_M \gg 10$. Since the mean free path of the gas molecules under one atmospheric pressure at room temperature are about 100 nm, so as to perform gas separation through this mechanism, a several nm or less diameter is necessary for the pores of a porous membrane.